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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/758,637	01/10/2001	Barry J. Glick	774070-6	9563

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EXAMINER
ABRISHAMKAR, KAVEH

ART UNIT	PAPER NUMBER
2131	

DATE MAILED: 07/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/758,637	GLICK ET AL.
	Examiner	Art Unit
	Kaveh Abrishamkar	2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *10 January 2000*.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-42* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) *1-42* is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☐ All b) ☐ Some * c) ☐ None of:
        1. ☐ Certified copies of the priority documents have been received.
        2. ☐ Certified copies of the priority documents have been received in Application No. _____.
        3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *2,4*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to the communication filed on January 10, 2000.

Claims 1 – 42 were received for consideration. No preliminary amendments for the

claims were filed. Claims 1 – 42 are currently under consideration.

Information Disclosure Statement

2.   The Applicant's IDS forms 1449, Paper. No 2 and Paper No. 4, are attached to

this Office action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1 – 42 are rejected under 35 U.S.C. 102(b) as being anticipated by

Murphy (U.S. Patent 5,640,452).

Regarding claim 1, Murphy discloses:

A method for controlling access to digital information, comprising:

identifying a location identity attribute that defines at least a specific geographic location (column 6 lines 41 – 45, column 7 line 22 – column 8 line 5);

generating a geolocking key based at least in part on said location identity attribute (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37);

encrypting said digital information using said geolocking key, wherein said encrypted digital information can be accessed only at said specific geographic location (column 7 lines 22 – 33, column 8 lines 6 –37).

Regarding claim 14, Murphy discloses:

A method for recovering encrypted digital information, comprising:

retrieving location data identifying a specific geographic location of a playback appliance (column 6 lines 41 – 45, column 7 line 22 – column 8 line 5);

accessing geolocked data including said encrypted digital information and a shape parameter defining a shape of a region that encompasses said specific geographic location (column 7 line 60 – column 8 line 24);

generating a geolocking key using at least said shape parameter and said location data (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37); and

decrypting said digital information using said geolocking key (column 8 lines 6 – 24).

Regarding claim 22, Murphy discloses:

An apparatus for controlling access to digital information, comprising:

a processor having memory adapted to store software instructions operable to cause said processor to execute the following functions:

identifying a location identity attribute that defines at least a specific geographic location (column 6 lines 41 – 45, column 7 line 22 – column 8 line 5);

generating an geolocking key based at least in part on said location identity attribute (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37); and

encrypting said digital information using said geolocking key, wherein said encrypted digital information can be accessed only at said specific geographic location (column 7 lines 22 – 33, column 8 lines 6 –37).

Regarding claim 34, Murphy discloses:

An apparatus for controlling access to digital information, comprising:

a processor having memory adapted to store software instructions operable to cause said processor to execute the following functions:

retrieving location data identifying a specific geographic location of said apparatus (column 6 lines 41 – 45, column 7 line 22 – column 8 line 5);

accessing geolocked data including said encrypted digital information and a shape parameter defining a shape of a region that encompasses said specific geographic region (column 7 line 60 – column 8 line 24);

generating a geolocked key using at least said shape parameter and said location data (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37); and

decrypting said digital information using said geolocking key (column 8 lines 6 – 24).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Murphy discloses:

The method of claim 1, wherein said identifying step further comprises identifying at least a location value and a proximity value (column 7 line 60 – column 8 line 37, column 9 lines 1 – 20).

Claim 3 is rejected as applied above in rejecting claim 2. Furthermore, Murphy discloses:

The method of claim 2, wherein said location value corresponds to a location of an intended recipient appliance of said digital information (column 7 line 60 – column 8 line 37, column 9 lines 1 – 20).

Claim 4 is rejected as applied above in rejecting claim 2. Furthermore, Murphy discloses:

The method of claim 2, wherein said location value further comprises a latitude and longitude dimension (column 7 line 52 – column 8 line 37).

Claim 5 is rejected as applied above in rejecting claim 2. Furthermore, Murphy discloses:

The method of claim 2, wherein said proximity value corresponds to a zone that encompasses said location (column 7 line 60 – column 8 line 37).

Claim 6 is rejected as applied above in rejecting claim 2. Furthermore, Murphy discloses:

The method of claim 2, further comprising generating a shape parameter based on said proximity value, said shape parameter defining a shape of a region that encompasses said specific geographic location (column 7 line 60 – column 8 line 5).

Claim 7 is rejected as applied above in rejecting claim 6. Furthermore, Murphy discloses:

The method of claim 6, further comprising generating an initial key based on said shape parameter (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 8 is rejected as applied above in rejecting claim 7. Furthermore, Murphy discloses:

The method of claim 7, further comprising generating said geolocking key based on said initial key, said encrypting step further comprising encrypting said digital information using said geolocking key (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 9 is rejected as applied above in rejecting claim 6. Furthermore, Murphy

discloses:

The method of claim 6, further comprising packaging said shape parameter with

said encrypted digital information (column 6 line 41 – column 7 line 2, column 8 lines 6 –

37).

Claim 10 is rejected as applied above in rejecting claim 9. Furthermore, Murphy

discloses:

The method of claim 9, further comprising transmitting said shape parameter and

said encrypted digital information to an end user (column 6 line 41 – column 7 line 2,

column 8 lines 6 – 37).

Claim 11 is rejected as applied above in rejecting claim 1. Furthermore, Murphy

discloses:

The method of claim 1, further comprising selecting preview information and

including said preview information with said digital information prior to said encrypting

step (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 12 is rejected as applied above in rejecting claim. Furthermore, Murphy

discloses:

The method of claim 1, further comprising storing said encrypted digital information in a fixed format including at least one of CD-ROM, DVD, diskette, videocassette, and tape (column 7 lines 33 – 51).

Claim 13 is rejected as applied above in rejecting claim 9. Furthermore, Murphy discloses:

The method of claim 9, wherein said transmitting step further comprises transmitting said encrypted digital information in electronic form via at least one of telephone line, video cable, satellite broadcast, fiber optic, and wireless (column 7 lines 23 – 51).

Claim 15 is rejected as applied above in rejecting claim 14. Furthermore, Murphy discloses:

The method of claim 14, wherein said location data further comprises a latitude and longitude dimension (column 7 line 52 – column 8 line 37).

Claim 16 is rejected as applied above in rejecting claim 14. Furthermore, Murphy discloses:

The method of claim 14, wherein said generating step further comprises generating an initial key based on said shape parameter (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 17 is rejected as applied above in rejecting claim 16. Furthermore, Murphy

discloses:

The method of claim 16, wherein said generating step further comprises

generating said geolocking key based on said initial key (column 6 line 41 – column 7

line 2, column 8 lines 6 – 37).

Claim 18 is rejected as applied above in rejecting claim 14. Furthermore, Murphy

discloses:

The method of claim 14, wherein said accessing step further comprises receiving

said geolocked data from a remote sender (column 6 line 41 – column 7 line 2, column

8 lines 6 – 37).

Claim 19 is rejected as applied above in rejecting claim 14. Furthermore, Murphy

discloses:

The method of claim 14, wherein said geolocked data further comprises preview

information (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 20 is rejected as applied above in rejecting claim 14. Furthermore, Murphy

discloses:

The method of claim 14, wherein said accessing step further comprises retrieving

said geolocked data from a storage medium including at least one of CD-ROM, DVD,

diskette, videocassette, and tape (column 7 lines 33 – 51).

Claim 21 is rejected as applied above in rejecting claim 14. Furthermore, Murphy discloses:

The method of claim 14, wherein said accessing step further comprises receiving said geolocked data in electronic form via at least one of telephone line, video cable, satellite broadcast, fiber optic, and wireless (column 7 lines 23 – 51).

Claim 23 is rejected as applied above in rejecting claim 22. Furthermore, Murphy discloses:

The apparatus of claim 22, wherein said identifying function further comprises identifying at least a location value and a proximity value (column 7 line 60 – column 8 line 37, column 9 lines 1 – 20).

Claim 24 is rejected as applied above in rejecting claim 23. Furthermore, Murphy discloses:

The apparatus of claim 23, wherein said location value corresponds to a location of an intended recipient appliance of said digital information (column 7 line 60 – column 8 line 37, column 9 lines 1 – 20).

Claim 25 is rejected as applied above in rejecting claim 23. Furthermore, Murphy discloses:

The apparatus of claim 23, wherein said location value further comprises a latitude and a longitude dimension (column 7 line 52 – column 8 line 37).

Claim 26 is rejected as applied above in rejecting claim 23. Furthermore, Murphy discloses:

The apparatus of claim 23, wherein said proximity value corresponds to a zone that encompasses said location (column 7 line 60 – column 8 line 37).

Claim 27 is rejected as applied above in rejecting claim 23. Furthermore, Murphy discloses:

The apparatus of claim 23, further comprising the function of generating a shape parameter based on said proximity value, said shape parameter defining a shape of a region that encompasses said specific geographic location (column 7 line 60 – column 8 line 5).

Claim 28 is rejected as applied above in rejecting claim 27. Furthermore, Murphy discloses:

The apparatus of claim 27, further comprising the function of generating an initial key based on said shape parameter (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 29 is rejected as applied above in rejecting claim 28. Furthermore, Murphy discloses:

The apparatus of claim 28, further comprising the function of generating said geolocking key based on said initial key (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 30 is rejected as applied above in rejecting claim 27. Furthermore, Murphy discloses:

The apparatus of claim 27, further comprising the function of packaging said shape parameter with said encrypted digital information (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 31 is rejected as applied above in rejecting claim 30. Furthermore, Murphy discloses:

The apparatus of claim 30, further comprising the function of transmitting said shape parameter and said encrypted digital information to an end user (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 32 is rejected as applied above in rejecting claim 22. Furthermore, Murphy discloses:

The apparatus of claim 22, further comprising the function of selecting preview information and including said preview information with said digital information prior to

executing said encrypting function (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 33 is rejected as applied above in rejecting claim 22. Furthermore, Murphy discloses:

The apparatus of claim 22, further comprising a server coupled to said processor and adapted to communicate said encrypted digital information to end users over a network connection (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 35 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said location data further comprises a latitude and longitude dimension (column 7 line 52 – column 8 line 37).

Claim 36 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said generating function further comprises generating an initial key based on said shape parameter (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 37 is rejected as applied above in rejecting claim 36. Furthermore, Murphy discloses:

The apparatus of claim 36, wherein said generating function further comprises generating said geolocking key based on said initial key (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 38 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said accessing function further comprises receiving said geolocked data from a remote sender (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 39 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said geolocked data further comprises preview information (column 6 line 41 – column 7 line 2, column 8 lines 6 – 37).

Claim 40 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said accessing function further comprises retrieving said geolocked data from a storage medium including at least one of CD-ROM, DVD, diskette, videocassette, and tape (column 7 lines 33 – 51).

Claim 41 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, wherein said accessing function further comprises receiving said geolocked data in electronic form via at least one of telephone line, video cable, satellite broadcast, fiber optic, and wireless (column 7 lines 23 – 51).

Claim 42 is rejected as applied above in rejecting claim 34. Furthermore, Murphy discloses:

The apparatus of claim 34, further comprising a GPS receiver coupled to said processor and adapted to provide location data (column 7 lines 57 – 60, column 10 line 40 – column 11 line 50).
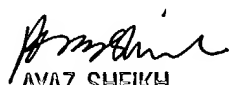
Conclusion

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kaveh Abrishamkar whose telephone number is 703-305-8892. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

KA
07/12/2004

AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100